Payload 3 Daily Flight Report

Date: 2021-05-05
Flight Campaign ID: P3C1
Airport, FBO ID, City: Tuscaloosa Regional Airport (KTCL) - Tuscaloosa, AL
Aircraft: N615AR

Domain: 08 (Ozarks Complex)
Sites Flown: None
Days left in Domain: 05

Report Author: Abe Morrison
Lidar Operators: Abe Morrison
Spectrometer Operators: Cameron Chapman
Pilots: Stephen Brawders, Vince Maarschalkerweerd

Flight Hours: 00:00
Hours until maintenance: 65.08

Summary
No flights were conducted today due to the ongoing maintenance issue with the plane. This afternoon the maintenance was completed and the plane is now ready to resume operations. Flights probably would not have been conducted today due to the weather even if the plane was available. The weather tomorrow and Friday is looking very favorable for “green” collects at all 3 flight boxes.

Concerns
None

Comments
-Maintenance on the #2 engine and associated cockpit switches was completed by TOIL today.
Cumulative Domain Coverage

D08|DELA (Dead Lake)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |

Flown: 0% (0/26)  
Green: 0% (0/26)  
Yellow: 0% (0/26)  
Red: 0% (0/26)

D08|LENO (Lenoir Landing)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |

Flown: 62% (16/26)  
Green: 54% (14/26)  
Yellow: 8% (2/26)  
Red: 0% (0/26)

D08|TALL (Talladega National Forest)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 |

Flown: 100% (26/26)  
Green: 0% (0/26)  
Yellow: 0% (0/26)  
Red: 100% (26/26)

Weather Forecast

Tuscaloosa, AL (TALL)

<table>
<thead>
<tr>
<th>Thu 5/6</th>
<th>Fri 5/7</th>
<th>Sat 5/8</th>
<th>Sun 5/9</th>
<th>Mon 5/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>77°</td>
<td>52°F</td>
<td>75°</td>
<td>51°F</td>
<td>80°</td>
</tr>
<tr>
<td>Sunny</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Thunderstorms</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.49 in</td>
<td>0.32 in</td>
</tr>
</tbody>
</table>

Demopolis, AL (DELA)

<table>
<thead>
<tr>
<th>Thu 5/6</th>
<th>Fri 5/7</th>
<th>Sat 5/8</th>
<th>Sun 5/9</th>
<th>Mon 5/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>78°</td>
<td>52°F</td>
<td>75°</td>
<td>50°F</td>
<td>82°</td>
</tr>
<tr>
<td>Sunny</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Thunderstorms</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0.34 in</td>
<td>0.46 in</td>
</tr>
</tbody>
</table>
Flight Collection Plan for 06 May 2021

Flyority 1
Collection Area: Talladega National Forest (TALL)
Flight Plan Name: D08_TALL_C1_P1_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flyority 2
Collection Area: Dead Lake (DELA) – Priority 1 Flight Box
Flight Plan Name: D08_DELA_R1_P1_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flyority 3
Collection Area: Dead Lake (DELA) – Priority 2 Flight Box
Flight Plan Name: D08_DELA_R1_P2_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flyority 4
Collection Area: Lenoir Landing (LENO)
Flight Plan Name: D08_LENO_R2_P1_v2_Q780
On-station Time: 1430 UTC / 0930 L

Flight Crew: Cameron Chaman, Abraham Morrison